

University of Alberta

# FOLIO

1 MARCH 1991

Photo Services



This rally in the Quad (14 February) and another today in front of University Hall will culminate in a march on the legislature.

## Student leaders confident today's rally will have impact

Student leaders were disappointed with the most recent General Faculties Council decision not to cancel classes today in support of the planned march on the legislature, but they remained confident late last week that the march would still be successful.

Students' Union Vice-President (Academic) Jason Forth predicted that the rally, which begins at about 1 pm today, would also include faculty members and community members, as well as students.

"This rally is for faculty, staff and the public at large," said Graduate Students' Association Vice-President (External) Ken Ross. "To a very great extent, most of what we do is going to affect people behind us; the people who should be out there protesting [government underfunding of postsecondary education] are the high school students."

Ross said, "We've had indications of support from people in fairly high levels of the University administration that they will be there marching with us. Some of them who can't be there physically are

saying they'll be with us in spirit. It's going to be difficult, because classes haven't been cancelled," he acknowledged. "We'd like to see some of the central administrators there to show solidarity."

GFC on 28 January decided to cancel classes in support of a march on the legislature to protest provincial government underfunding. The Board of Governors refused to take an official position on the issue, although a number of Board members said they were against cancelling classes in support of the march.

The issue then was brought back to GFC at the urging of President Paul Davenport. GFC then defeated the motion in a close vote at a special meeting 11 February. A replacement motion, one which did not include the cancellation of classes, was subsequently approved.

Meanwhile, at the University of Calgary, the General Faculties Council passed a motion 14 February sponsored by the Students' Union. The motion encourages Faculties to cancel classes between noon and 1 pm to allow students, staff and faculty members to take part in a rally. Speeches are planned as well.

Both Forth and Ross were unhappy with GFC's decision to overturn the original motion, but they insisted that the march would happen with or without official University support. Forth said the most recent decision was a "slap in the face of student government. It really undermines the purpose of students being on the General Faculties Council."

The march participants are expected to gather in front of University Hall during the noon hour and the march will get under way about 1:15. Marchers expect to arrive at the legislature around 2 o'clock and speeches will begin about 2:30.

## Associations want to ensure open process

The four major campus associations are proposing three procedures they'd like the University to employ in conjunction with the restructuring of the institution.

In a 19 February letter to President Paul Davenport, Non-Academic Staff Association President Anita Moore, Students' Union President Suresh Mustapha, Graduate Students' Association President Stephen Downes, and Association of Academic Staff President Fred Van de Pitte stated that they all share concerns about the process by which decisions concerning the restructuring recommendations will be made.

At a NASA meeting last week, Moore said that all four groups have concerns about the process. "We hear that programs will go to all the various committees; the truth of the matter is that only the academic programs will go to all those committees," she said. Cuts to administrative units and ancillary units will not have to go through the same process, she outlined.

"In order for us to be able to represent our members and their interests, we propose that the following procedures be implemented," the Presidents outlined. First, agendas, supporting materials and minutes of meetings for formal bodies (which do not already conduct meetings in public) at which recommendations for restructuring are to be considered shall be made available to the four associations.

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# GSA wins court case against University

## DEPARTMENT OF CHEMISTRY HOSTS POLISH ACADEMICIAN

WM Daniewski of the Polish Academy of Sciences, Warsaw, will be a Distinguished Visitor on campus from 27 February to 14 April.

Professor Daniewski is a leading authority on the natural products of mushrooms and on high pressure liquid chromatography of mold metabolites. He will present public lectures on "mushroom metabolites" 6 and 25 March at 11 am in Chemistry E3-25.

During his stay on campus, Professor Daniewski will be located in 5-47 Chemistry West, telephone 492-5474.



The Honourable Justice DW Perras, of the Court of Queen's Bench of Alberta, has ruled in favour of the Graduate Students' Association challenge to the University of Alberta's decision last year to increase the continuous registration and minimum instruction fees charged to graduate students.

Justice Perras ruled that the continuous registration fee and minimum instruction fees both constituted fees for instruction and, therefore, were subject to a 15 percent annual limit increase set by the Minister of Advanced Education on instruction fees.

The Justice pointed out that ministerial approval for the fee hikes last year, in the order of 375 percent, had not been obtained by the University. The University raised the fees from \$104 a year to \$498 per year and argued before the court that the fees being increased were not "fees for instruction" but rather "other fees" and, therefore, not subject to the 15 percent increase limit and not subject to ministerial approval.

Justice Perras did not agree with the University's arguments. He pointed out that a 24 April 1990 letter from Vice-President (Academic) Peter Meekison to the Board of Governors said, "To a great extent, the program fee is intended to cover the course-work portion of a student's graduate program while the minimum instruction fee would primarily cover the thesis supervision."

"In my view," Justice Perras wrote, "this description, by the Vice-President, confirms the view that the minimum instruction fee or post-program fee, as it is also called, is a fee for instruction."

The Justice also pointed out that the fee, if slotted under "other fees," would play a large role in reducing "fees for instruction" to a minor role and would impose a substantial fee under the rubric "other fees" on the

GSA representatives were elated with the ruling. GSA President Stephen Downes said last week the University took the money—which he estimated at about \$860,000—and now the University would have to return that money to graduate students either in cash or tuition fee credits. The Justice awarded the GSA costs and disbursements, with no limiting rules to apply.

last May, were still among the lowest fees for graduate studies in the country.

Justice Perras said since the fees collected from graduate students for the 1990-91 academic year did not receive ministerial approval, they "ought to be returned to the student or, in the alternative, credited toward future fees assessed the student if such arises."

GSA Vice-President Wolfgang Engler estimated that about 2,000 graduate students would be affected by the decision and each, on average, would be reimbursed roughly \$375. GSA representatives lauded their lawyer KD Wakefield of Milner Fenerty. Arguing the case for the University was Field and Field. The Students' Union also financially supported the GSA challenge.

In a January 1990 decision, the Students' Union unsuccessfully challenged the Library and Computing Fee increases. That decision, Justice Perras said, provided some helpful guidelines in making his decision and determining what constitutes fees for instruction.

## HOLLINGSWORTH AWARDED SLOAN FELLOWSHIP

Mark Hollingsworth (Chemistry) has been selected to receive an Alfred P Sloan Research Fellowship for 1991.

The Sloan Fellowship is a highly competitive award, involving nominations of the very best young scientists across North America. The attendant grant—\$30,000 spread over two years—is to be used in an unrestricted manner by the recipients so as to provide the most constructive support possible to their research efforts. Dr Hollingsworth indicated that the best use of the grant would be to hire a postdoctoral fellow to work with him.

Dr Hollingsworth, who was appointed to the Department of Chemistry in 1987, is researching molecular recognition using solid-state NMR spectroscopy of channel inclusion compounds. He says it's research that could be applied to the pharmaceutical industry and to the field of crystal engineering, that is, designing molecular solids to have certain properties, for example, conductivity and superconductivity.

Dr Hollingsworth is a Yale University PhD whose thesis won the Nobel Laureate Signature Award for Graduate Education in Chemistry presented by the American Chemical Society, and the Distinguished Dissertation Award of the Northeastern Association of Graduate Schools.

## CURRENTS

### KEY BUDGETARY DOCUMENT NOW AVAILABLE

Copies of "Maintaining Excellence and Accessibility in an Environment of Budgetary Restraint," the document that sets out the University administration's proposals for restructuring the institution, are available on the electronic mail system (PROFS and MTS). Copies are also available from the University Secretariat, 2-5 University Hall.

### WOMEN'S PROGRAM OPEN HOUSE

The Women's Program and Resource Centre, Faculty of Extension, in conjunction with its 10th anniversary, will hold an open house 8 March from 7 to 11 pm. The address is 11019 90 Avenue.

### FORUM ON WOMEN AND PEACE

A forum on women and peace has been scheduled for 10 March, 12:30 to 5:30 pm, in 2-115 Education North. The forum, which will include workshops and speakers, is sponsored by the Women's Studies Program, Women's Program and Resource Centre and Women's Research Centre. Women and men welcome. Childcare available.

For more information, call Janice Williamson, 434-7792/492-2180, or Diana Chown, 433-1525.

### PROFESSIONAL DEVELOPMENT FOR APOS - INFORMATION SESSION

**Topic:** "Making Effective Travel Arrangements for Your Business Trip." **Date and time:** 14 March, 10:30 am to noon. **Location:** Heritage Lounge, Athabasca Hall. **Presenters:** Shirley Dean and Yvonne Peat, TravelKey. **Cost:** Free but advance registration required by 12 March deadline. **To register:** call Gail Bamber, 492-2796.

While this session is directed at APOS, other interested staff are welcome.

### CAMPUS PRESBYTERIAN COMMUNITY

Anyone with Presbyterian roots or affiliations, past or present, who is interested in being part of this group is invited to attend a "get-acquainted" reception 14 March at 4 pm in 169 HUB International (across from the International Centre). Everyone welcome; refreshments will be served.

For further information, call Pauline Grant (492-7524), Bill Dryden (492-3617) or Tony Kernahan (492-5920).

### NONINSULIN-DEPENDENT DIABETICS NEEDED FOR STUDY

Type II, noninsulin-dependent diabetics are needed for a research project studying the effects of different types of dietary fat on blood cholesterol and blood glucose levels.

For more information, telephone Jacqueline Jumpsen (492-5629) or Elaine Kielo, research dietitian (492-3828).

### 'WRITING FOR UNIVERSITY'

Private tutorial assistance is provided with the course, "Writing for University." Further information on this noncredit course is available from Effective Writing Resources, 302B SUB, 492-2682.

# NASA members urged to send University strong message

Non-Academic Staff Association members turned out in large numbers 20 February to hear their leaders explain some of the possible consequences restructuring proposals and current contract negotiations will have on the association.

"We know people are going to be laid off," said NASA President Anita Moore. "We can't just assume that the University will go through these vertical cuts and that will be the end of it. To be honest with you, if you look at the whole report [‘Maintaining Excellence and Accessibility in an Environment of Budgetary Restraint’], there is a futures section and I believe that this is just the start."

Moore predicted that if the Board of Governors' opening contract proposals are successful, NASA members will see their contract seriously gutted. "I personally believe that the Board doesn't expect to get all it's asking for, but they expect that at some point negotiations will break down and it will go to arbitration."

"The arbitrator would then select from the opening positions ... and the Board could get some of the things it's asking for." Characterizing the Board proposals as "extremely retroactive," Moore said they would really hurt NASA members.

On the suggestion from the floor that a one-day walkout take place, NASA official Mike Tamtom said there are a number of other options open to NASA members before such drastic action is taken to protest pending job losses. He urged NASA members to stick to the provisions of the existing NASA/University contract, and to hold their superiors to the provisions. He cautioned members that under the provisions governing NASA, strikes are illegal.

Moore said it may be necessary for NASA members to do something drastic to show the University administration how concerned they are. She emphasized that it was also important for the NASA membership to stick together.

She pointed out, however, that for a long time many NASA members have not been actively involved with the association. "It's time for the silent majority to stop being so silent," she said.

Tamtom said having so many NASA members turning out for the 20 February meeting sends a clear message to the administration.

In other developments, NASA has initiated a petition calling on the administration to give more serious consideration to the possibility of implementing an early retirement incentive program for 1991-92.

Pointing out that many staff on campus are of pensionable age, Moore suggested that if these people could be assured of a payout and that their benefits would be fully bridged to 65 years of age, many staff members would accept such a package.

In the short term, such a plan would be costly, but the money would be recovered quickly because many higher paid personnel would no longer be in departmental base budgets.

## Visitor at the forefront of 'cultural studies' development

**R**ichard Gruneau, Department of Communications, Simon Fraser University, will be visiting the University of Alberta from 4 to 15 March. His visit is under the auspices of the Endowment Fund for the Future and is cosponsored by the Departments of Sociology and Recreation and Leisure Studies and the Canadian Studies Program.

Professor Gruneau is a leading figure in the development of "cultural studies" in Canada during the past decade. Originally trained as a sociologist, he has taught in departments of sociology, physical educa-

tion, recreation and leisure studies and now communications—a reflection of the interdisciplinary character of his work.

Critical social theory, media research and political economy are woven into Professor Gruneau's publications dealing with the sociology of sport. In particular, his books *Class, Sport and Social Development* and *Popular Cultures and Political Practices*, his three co-edited anthologies, and his new book series on *Culture and Communication in Canada* have attracted wide scholarly attention, says Graham Lowe (Sociology).

Professor Gruneau will conduct graduate seminars, lecture to undergraduates, as well as meet individually with interested faculty and students. He will also deliver two public lectures on "Between the Politics of Production and the Politics of the Sign: Post-Marxism, Discourse Theory, and 'New Times'"': part one 6 March, noon to 2 pm; part two 8 March, noon to 2 pm. Both lectures will take place in 5-15 Tory Building.

Professor Gruneau will be located in 6-29 Tory Building and can be reached at 492-0480.

## Associations

Continued from page 1

A second recommendation calls for a representative of any association to be able to, with advance notice, attend meetings as an observer; obtain, in advance of the meeting, permission to speak; and report on decisions made at the meeting to the association.

Third, the Presidents called on President Davenport to provide for formal consultations with the associations to be arranged by the appropriate Vice-President for the restructuring of units which do not require decisions at Academic Development Committee, Planning and Priorities Committee or General Faculties Council.

"Based on your comments at the forum, we believe that you are committed to the principle of openness," the Presidents told President Daven-

port. "Acting on that belief, we would like to confirm these specific procedures."

GSA Vice-President (External) Ken Ross said the measures are designed to ensure the process remains as fair and as open as is possible.

According to the administration's document "Maintaining Excellence and Accessibility in an Environment of Budgetary Restraint," the proposals affecting the Faculty of Extension, Department of Oral Biology and University Computing Systems will first go before PPC for consideration. The Board of Governors Finance Committee would then consider the proposals before referring them to the Board of Governors.

Proposals concerning the future of Printing Services will first be considered by the Vice-President

(Student and Academic Services) in consultation with PPC. Recommendations would then go to the Board of Governors Finance Committee and then on to the Board of Governors.

Other proposals include the following eight areas: the Departments of Agricultural Engineering, Applied Sciences in Medicine, Recreation and Leisure Studies, Faculty of Dentistry, Mining Engineering Program, Vocational Education/Industrial Arts Education Programs, Student Counselling Services and Faculty of Library and Information Studies.

Proposals in these areas will first go before ADC. The next stops are: PPC, General Faculties Council Executive, GFC, the Board of Governors Educational Affairs Committee and the Board of Governors.

## ACROSS CANADA

### U OF C LOOKING AT 1.75 PERCENT BUDGET CUT

The University of Calgary's 1991-92 budget is in the making and Deans, Directors and senior budget officers are being asked to report on the probable impact of a 1.75 percent budget cut. Seven budget units have also been asked to analyze the possible impact a 25 percent budget reduction would have on their units.

The seven areas are: the housing program for visiting scholars; Special Events Office; Kananaskis Centre for Environmental Research; Office of Research Services; noncredit extension programs in the Faculty of Continuing Education; the sports program in the Faculty of Physical Education; and the Effective Writing Program in the Faculty of General Studies.

### ARTHUR MAY IS MEMORIAL'S NEW PRESIDENT

A special convocation ceremony was held recently in St John's to officially install Arthur May as Memorial University's new president and vice-chancellor. Albert Cox was also installed as the university's vice-president (academic).

### U OF T PAYS HOMAGE TO GREAT HUMANIST

The University of Toronto said a fond farewell recently to the country's greatest humanist, Northrop Frye, who died in late January. Dr Frye had been undergoing cancer treatment when he died of cardiac arrest. The memorial service was held at Convocation Hall 29 January in Toronto and was attended by, among others, writer Margaret Atwood, U of T President Robert Prichard and Premier Bob Rae.

### CAMPUS CONSERVER SOCIETY PROJECT ORGANIZES FAIR

The Campus Conserver Society Project (CCSP) is putting the final touches on a fair to take place in CAB (main floor) 6 March from 11:30 am to 1:30 pm.

Campus environment groups will have posters and handouts promoting ongoing projects, for example, the paper recycling program in Materials Management. Information on these projects is there (various tables) for the asking, and people can pick up a list of "What Can I Do?" and buy a U of A reusable coffee mug.

Full details on the fair can be obtained by calling CCSP at 492-5597.

# MacLachlan family donates \$1 million to diabetes research

Local research into diabetes mellitus follows two paths—experimentation and transplantation. A \$1 million endowment established by CF ("Curly") MacLachlan and Gladys B MacLachlan ensures that they continue to parallel one another.

The sum of \$106,000 will be used to equip a laboratory to be called "The MacLachlan Islet Molecular Biology Laboratory." It will be located in the Heritage Medical Research Centre and will be directed by Alex Rabinovitch and George Molnar, co-directors of the Muttart Diabetes Centre. The HMRC already houses laboratories of diabetes researchers from the Departments of Medicine, Pediatrics, Pathology and Biochemistry. "Whereas these scientists share a common interest and expertise in diabetes research, they must now interact to solve the problem of the molecular causes of diabetes," Dr Rabinovitch says.

Income from interest earned on the balance of the endowment (\$894,000) will be directed in each of the next 10 years to Ray Rajotte, Garth Warnock and Norman Kneteman, the team that recently performed islet transplant on three patients. While those operations made headlines, the team continues to examine all aspects from the recovery of the pancreas from the organ donor, its storage before islet isolation, the isolation and purification of the islets, the methods of transplantation, the methods used for

the prevention of rejection, and the long-term course of the islet graft and its ability to prevent complications of diabetes.

(While islet transplantation does not achieve a true cure for insulin dependent diabetes, it has the capacity to treat large numbers of diabetic patients, to reverse their need for insulin, and to prevent complications of diabetes, for example, blindness, kidney failure and nerve disease.)

Staff in the Islet Molecular Biology Laboratory will develop and apply new techniques of molecular biology to discover the cause(s) of diabetes mellitus; staff in the Islet Transplantation Laboratory will concentrate on treating diabetes, a disease which afflicts about one million Canadians.

CF MacLachlan, whose business was house building and construction, died in March 1989 of complications from diabetes. His widow, Gladys MacLachlan, set up the endowment with the cooperation of the University of Alberta Hospitals Foundation, which will hold the capital, and the University of Alberta, which will receive the annual accrued interest.

The University Hospitals Foundation will establish an advisory board to oversee the management of the CF ("Curly") MacLachlan and Gladys B MacLachlan Fund.

Official recognition of the endowment took place early in February.

## Roger Mannell: EFF Distinguished Visitor

Roger Mannell, University of Waterloo, will spend two weeks on campus as the guest of the Department of Recreation and Leisure Studies. His visit is sponsored by the Endowment Fund for the Future, Distinguished Visitors Program.

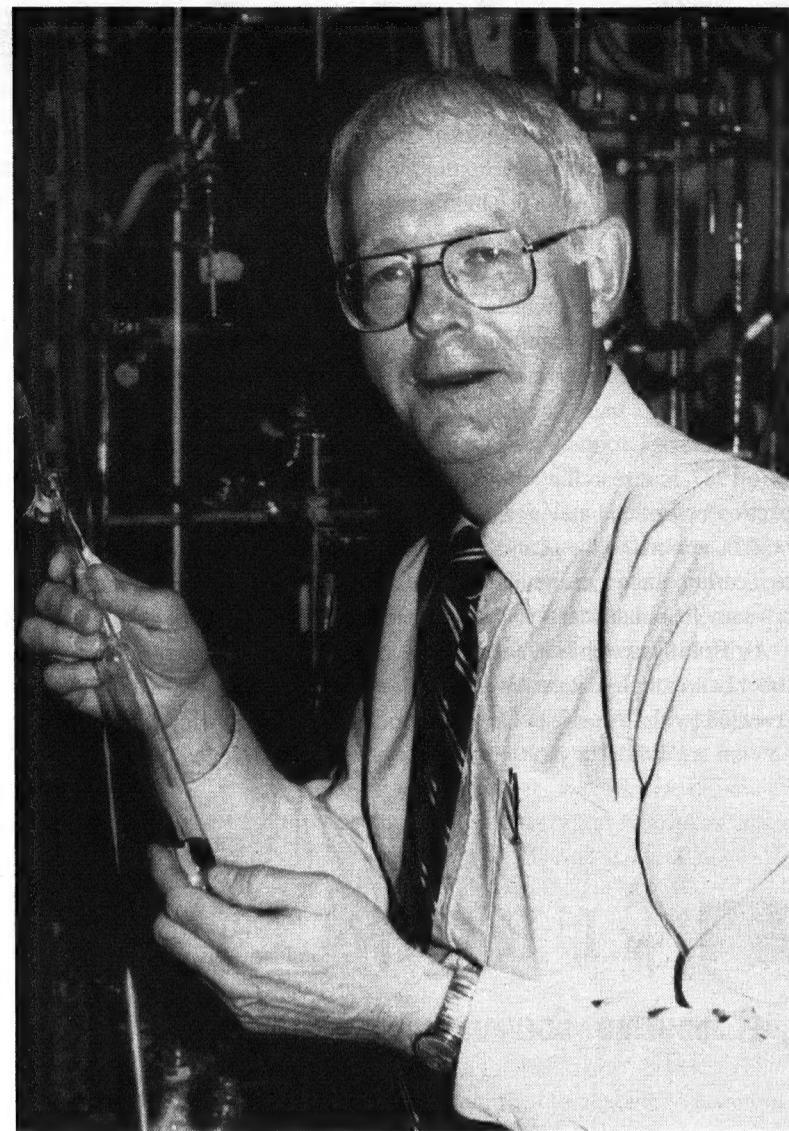
Dr Mannell is a social psychologist and is Chair of Waterloo's Department of Recreation and Leisure Studies. His research and writing focus on the personality and social factors that influence what people do in their free time and, in turn, the impact of this structuring of leisure on psychological well-being and adjustment. With the use of psychological laboratory and experiential sampling methods, Dr Mannell has studied topics such as personality differences in the ability to cope with free time, the role of intrinsic motivation and satisfaction in leisure, leisure and coping with life crises, and the integration of work and leisure in daily life.

In 1986, Dr Mannell was elected Fellow of the American Academy of Leisure Sciences in recognition of his contribution to leisure research and to the scholarly literature of the

field. He has served on the editorial board of a number of the major journals in the leisure and recreation field, including the *Journal of Leisure Research*, *Leisure Studies* and the *Journal of Leisureability*.

While on campus, Dr Mannell will make a number of presentations within the Department of Recreation and Leisure Studies and a lecture in the Faculty of Education. He will give an open lecture to the Faculty of Physical Education and Recreation (4 March, 3 pm, E-120 Van Vliet Physical Education and Recreation Centre) on "From the Laboratory to Daily Life: Exploration of the Psychological Nature of Leisure and Its Meanings." On 11 March at 4 pm, Dr Mannell will deliver the Annual Elsie McFarland Lecture in Tory Breezeway No 1. The title of this lecture is "The Benefits of Leisure: Myths and Realities."

Further information on Dr Mannell's visit may be obtained from the Department of Recreation and Leisure Studies, 492-5171.



William Graham

## Molecules on parade KAPLAN AWARD WINNER LOVES VISUAL SIDE OF CHEMISTRY

To William Graham, chemistry is much more than complex equations. "Chemistry really is visual," he says. "To people like me, anyway, chemistry has a lot to do with mental images of molecules."

Dr Graham will share some of that imagery when he accepts the J Gordin Kaplan Award for Excellence in Research (13 March, 8 pm, TL-11 Tory Building). His talk will be on "Peaceful Carbon-Hydrogen Bonds Ripped Apart by Disguised Metal Atoms!"

The talk will highlight his research on carbon-hydrogen activation, that is, on how certain metal atoms are able to penetrate—unrecognized—the carbon-hydrogen bonds of saturated hydrocarbons, converting them into new and more reactive compounds.

Carbon-hydrogen activation has been a research area only since 1982, when Dr Graham co-discovered the reaction involved (it was observed at about the same time at the University of California at Berkeley). The discovery is widely recognized as a landmark event in the field of organometallic chemistry.

The discovery also has potentially significant implications for the petrochemical industry, which is based on the conversion of hydrocarbons into chemical products. That is ironic, because it was the lure of pure science that drew Dr Graham to the University of Alberta.

After completing a PhD at Harvard University and a postdoctoral fellowship at the University of

Southern California, he spent five years working for a research and consulting firm in Boston. Frustrated by the highly applied nature of that work, he decided he would be happier in a university setting.

He came to the U of A in 1962, in part because it was close to Saskatchewan, where both he and his wife grew up and where Graham earned his BA and MA degrees.

The choice did give him the freedom he was looking for. "After about a year or so I realized there were really no excuses," he says. "There were marvelous facilities, there seemed to be money for everything, and we had fine graduate students coming here."

Of the Kaplan Award, Dr Graham says, "It's a great honour to receive this on one's own turf. I've won awards elsewhere, but there's a great satisfaction in receiving this award from my colleagues."

Dr Graham was granted the 1970 Noranda Lecture Award of the Chemical Institute of Canada, and has received an Alberta Achievement Award as well as a McCalla Research Professorship at this University. He is a Fellow of the Royal Society of Canada, and in 1987-88 was a Centenary Lecturer of the Royal Society of Chemistry (London). In June he will receive the 1991 EWR Steacie Award from the Canadian Society for Chemistry.

Next week: Lyndal Osborne (Art and Design), the other 1991 laureate of the Kaplan Award for Excellence in Research.

# International Week about to start

"P

Peace Talks!: The Call to Partnerships" is the theme for the Sixth International Week at the University of Alberta, 4 to 9 March.

The event, which is coordinated by the International Centre, is a celebration and promotion of the international resources, expertise and interest on campus. The purpose of every International Week, say its organizers, is "to act as a grand inspiration for cross-cultural contact and understanding."

International Week 1991 boasts 58 events, the headings for some of which are "Peace and Partnerships", "War and Militarism", "Southern Africa", "International Health", "Development Education" and "Women and Development".

The opening plenary discussion (4 March, 5 to 7 pm, Tory Breezeway Theatre 1) will see three individuals offer their perspectives on "Partnerships and the Quest for International Peace". Art Wright (CIDA), Douglas Roche (former Canadian Ambassador for Disarmament to the UN), and Hank Zyp (co-founder, Change for Children) are the speakers.

A number of special events and exhibitions are planned including "Rainbow of Cultures - A Performing Arts Celebration" (8 March), "African Life in Art" (all week at the International Centre) and "Chinese Paintings" (all week at the HUB Community Centre).

## A fine eye for detail is made finer

A strength of the University of Alberta has always been the ability of technicians to turn designs and models into the genuine article. A recent example of this ability centred on a rotating scanning polarimeter, a device designed to measure the distribution profile of beam property called polarization. The polarimeter establishes the polarization profile of a beam by slicing it, both horizontally and vertically, with a known substance.

Staff in the Department of Technical Services' Machine Shop worked with nuclear physicists Gerald Roy and Jan Soukup in the development of one component of the rotating scanning polarimeter. The equipment was designed and partially built in the Physics Department, however, there was a problem piece. The end of the polarimeter had to be carved from a solid block of aluminum, and the irregularly curved surfaces had to be machined

precisely to form a polished bowl with sides varying from 0.125 to more than one inch in thickness across a diameter of 2.75 feet.

It was imperative that the irregular curves of the bowl be geometrically exact; any variance from the specifications would have caused it to collapse and thus distort the experimental data collected.

Combining the capabilities of their CAD system and the new, computer-controlled milling machine, the staff double-checked the curve specifications, then made a series of lathe templates that enabled them to successfully machine the problem piece.

"It was a complex job that underlined the importance of having well-equipped technical facilities and expert staff available to work with campus researchers on the development of prototype equipment," said Judy Ross, Assistant Director of Technical Services.

Technical Services' Walter Moranetz was up to the test. The polarimeter is currently being tested at the Tri-Universities Meson Facility (TRIUMF) in Vancouver.



## Mission Statement of the University of Alberta

*Quaecumque Vera*

"Whatsoever things are true"

**The University of Alberta is committed to the pursuit of truth, the advancement of learning, and the dissemination of knowledge.**

**The statement which follows enunciates the common beliefs and vision of the members of the University of Alberta about the nature of our collegial community and its collective mission.**

We believe that the goal of the University of Alberta is to be an outstanding university: to serve our students, our Province, our country, and the international community by excelling at teaching and research across a wide spectrum of selected areas. As a community we strive for such academic distinction through unceasing pursuit of excellence in our academic endeavours, through establishing our priorities by reference to our vision of the University, and through ensuring opportunities for growth and achievement to our faculty, students, and staff. We thus seek to expand the horizons of learning through the discovery, creation, evaluation, transmission, and preservation of knowledge.

**At the heart of our mission is a belief in the important interactions between university teaching and research, between undergraduate and graduate studies, and between internationally recognized academic excellence and service to the community.**

The University takes a long view of its mission in teaching and research. It takes great pride in its academic programs, and is committed to providing a supportive environment for learning and discovery among its students. It educates students in the broadest possible sense so that each may become, to the highest level of his or her ability, a full participant in the intellectual, creative, and social fabric of the community. Fundamental to such education is the research to which faculty devote their intellectual lives. The mission of research, of the discovery of knowledge, is central to a university. Without it, we are not a university. Without it, our students' learning does not constitute a university education. Research, teaching, and learning are inextricably linked in the mission of the University.

Our mission also is to provide accessibility, to the extent of our ability, to both undergraduate and graduate study in Alberta, and furthermore to ensure that each category of student benefits from the presence of the other in the scholarly community. We see the graduate and undergraduate levels of education as complementary: both groups benefit from graduate students acting as teachers, laboratory supervisors, and role models. Undergraduates are exposed to stimulating research ideas by their graduate colleagues. Graduate students receive training and practice in undergraduate teaching; many of them will carry this experience to academic positions in other colleges and universities.

The mission of the University is furthermore to serve the local community, the Province, and the country through such activities as promoting culture, stimulating technology transfer, playing a leadership role in health care and primary and secondary education, and strengthening the economy through basic and applied research and the provision of highly trained personnel. In promoting the search for truth in an environment free of intolerance and bigotry, the University aspires to serve as an example for all of society. At the foundation of this service is academic excellence: from anthropology to zoology, our contribution to the community is based on outstanding teaching and research, and in joy of learning and knowledge for its own sake.

**Essential to our mission is making choices which will enhance the health and strength of our University. As a collegial community, we are accountable for our use of public and private funds to provide the most vigorous institution possible within the bounds of the resources available to us. We believe that such choices are best made on these grounds: academic excellence, academic centrality, quality of participants, and prospect of service to the greater community.**

The criterion of academic excellence directs us to enhance those areas of the University which have achieved outstanding reputation in research, graduate studies, and/or undergraduate education. At the same time, we are responsible for recognizing strength in new areas of study, and for ensuring that important new disciplines and innovative approaches to learning are encouraged.

Certain areas of study are essential to any broadly based university because of their intrinsic importance to the educated life and their foundational role for other disciplines. Many examples of such academic centrality are to be found in the liberal arts and sciences. It is essential to the long term strength of all our programs that these central disciplines be encouraged and well supported.

Quality of participants suggests that we focus on those areas of the University with the ability to attract outstanding academic staff who will enhance the reputation of the University. A similar priority is given to those programs which attract outstanding undergraduate and graduate students who can strengthen teaching and research while they are students, and bring credit to the University during their working lives.

There are many disciplines for which the University of Alberta plays a central role in meeting the employment and professional needs of the Province, and others in which the University's research or clinical work is essential to achieving important local, provincial, national, or international objectives. The University takes such service to our communities into account in decisions on resource allocation. In evaluating provincial needs, the University works with other postsecondary institutions to ensure that provincial resources committed to the overall postsecondary system are used in an efficient manner.

**Responsibility to the members of our own collegial community — students, staff, and faculty — is a vital part of our mission.**

The University's most important resource is its people. We expect our faculty to improve throughout their careers in their ability to contribute to the University and society through their knowledge, teaching, and scholarship. Accordingly, part of our mission is to provide our faculty with the opportunities for self-improvement that are necessary to do this. In the same spirit we seek to provide our students with the highest quality of education, to allow them to achieve their full potential in learning and in life, and our staff with a supportive work environment and challenging career opportunities.

In the admission and evaluation of students, and in the hiring and promotion of staff and faculty, the University is committed to fairness without discrimination on the basis of such characteristics as gender or race. An essential part of our mission is the provision of an academic environment in which all of our students and faculty are encouraged and supported in the advancement of learning, and in which intolerance, sexism, and bigotry have no place.

**To these goals we dedicate our efforts as a university community.**

*Approved by General Faculties Council 28 January 1991, and by the Board of Governors  
1 February 1991.*

# EVENTS

## TALKS

### PHYSICS

1 March, 2 pm

JG Adler, "Low Temperature Scanning Tunneling Microscopy of High Tc Superconductors." V-125 Physics Building.

8 March, 2 pm

Richard E Taylor, 1990 Nobel Prize Winner, "Inelastic Electron Scattering." 126 Physics Building.

### GEOGRAPHY

1 March, 3 pm

Ray Fortune, director, Alberta Telecommunications Research Centre, "The Process of High Technology Business Development: How Ideas Get to Market." 3-36 Tory Building.

8 March, 3 pm

Bruce Rains, "Waimakariri River, New Zealand: Some Evidence of Moa-Hunter (Early Polynesian) Activities." 3-36 Tory Building.

### HISTORY

1 March, 3 pm

Frank Sysyn, "The Rebirth of Historical Consciousness in the Soviet Ukraine." 2-58 Tory Building.

14 March, 3:30 pm

Martha Bohachevsky Chomiak, National Endowment for the Humanities, Washington, DC, "Crisis of Value in Russia and the USSR." 1-105 Tory Building.

### ZOOLOGY

1 March, 3:30 pm

Ron Podesta, Department of Zoology, University of Western Ontario, "Human Blood Flukes *Schistosomiasis*: A Case for Fundamental Enquiry Prior to Vaccines." M-149 Biological Sciences Centre.

8 March, 3:30 pm

Perri Eason, "Why do Cardinals Cross the Lake? Territorial Defense in the Neotropics." M-149 Biological Sciences Centre.

### ROMANCE LANGUAGES

1 March, 4 pm

Enzo De Nardo, professor of Italian, University of California at Davis, "Machiavelli's Lesson and the Moralization of Politics." Senate Chamber, Arts Building.

### ENGLISH

1 March, 4 pm

Ross Chambers, "Meddling in Marriage (on Seduction), Part II: Expelling the Meddler (Balzac, *Modeste Mignon*). 5-20 Humanities Centre.

4 March, 4 pm

Ross Chambers, "Parasites at Work (on Agency), Part I: The Flâneur as Hero (Baudelaire)." 5-20 Humanities Centre.

5 March, 3:30 pm

Ross Chambers, "Parasites at Work (on Agency), Part II: The Flower Beneath the Foot (Hollinghurst, *The Swimming Pool Library*). 5-20 Humanities Centre.

6 March, 4 pm

Ross Chambers, "The Minaret and the Oven (on Appropriation), Part I: The Muezzin's Voice (Chraibi, *The Mother of Spring*; Theses on Appropriation)." 5-20 Humanities Centre.

7 March, 3:30 pm

Ross Chambers, "The Minaret and the Oven (on Appropriation), Part II: Trouble in the Kitchen (Jolley, *The Sugar Mother*). 5-20 Humanities Centre.

12 March, 3:30 pm

Richard Dellamora, Department of English, Trent University, "Theorizing Literary Fictions of AIDS: Edmund White's 'An Oracle'." 5-20 Humanities Centre.

### FAMILY STUDIES

4 March, 10:30 am

Z'Anne Harvey-Jensen, research officer, Alberta Alcohol and Drug Abuse Commission, "Research at AADAC: The Experience of a Family Studies Graduate." 3-57 Assiniboia Hall.

### RECREATION AND LEISURE STUDIES

4 March, 3 pm

Roger Mannell, chair, Recreation and Leisure Studies, University of Waterloo, "From the Laboratory to Daily Life: Exploration of the Psychological Nature of Leisure and its Meaning." E-120 Van Vliet Centre.

5 March, 2 pm

Dr Mannell, "Social Psychological Research on Leisure: Themes, Problems and Future Directions." E-431 Van Vliet Centre.

11 March, 4 pm

Dr Mannell, "The Benefits of Leisure: Myths and Realities." TBW-1 Tory Breezeway.

### RURAL ECONOMY

A panel series entitled, "The EEC: Emerging Canadian Implications."

Panelists: LP Apedaile, LF Constantino, and ML Lerohl.

4 March, 3:15 pm

"Emerging Agricultural and Forestry Issues in the EEC and Implications for Canada." 519 General Services Building.

11 March, 3:15 pm

"Emerging Trade and Pricing Issues in the EEC and Implications for Canada." 519 General Services Building.

18 March, 3:15 pm

"Land Use Changes in the EEC and Implications for Canada." 519 General Services Building.

### GERMAN LANGUAGES

4 March, 3:30 pm

Fritz König, Department of Modern Languages, University of Northern Iowa, "Die Wiedervereinigung und ihre Implikationen für die deutsche Literatur" (in German). Senate Chamber, Arts Building.

4 March, 7:30 pm

Fritz König, "Scandinavian Nobel Prize Winners" (in English). 141 Arts Building.

### PHARMACOLOGY AND CARDIOVASCULAR RESEARCH GROUP

4 March, 4 pm

Robert Malenka, Department of Psychiatry, University of California, San Francisco, "Postsynaptic Mechanisms Underlying the Induction of Long-Term Potentiation." 207 Heritage Medical Research Centre.

### CANADIAN INSTITUTE FOR NORDIC STUDIES

4 March, 7:30 pm

Fritz König, chairman, Department of Modern Languages, University of Northern Iowa, "Scandinavian Nobel Laureates in Literature." 141 Arts Building.

### INTERNATIONAL CENTRE

5 March, 12:30 pm

Kathryn Olson, project coordinator, Edmonton Food Policy Council, "Poverty's Female Face." 172 HUB International.

12 March, 12:30 pm

Linda Trimble, "Changing the Tune of the Brontosaurus Chorus." 127 HUB International.

13 March, noon

Yue Qing Yang, "Women's Position in Chinese Society." 172 HUB International.

### AGRICULTURAL ENGINEERING

5 March, 1:30 pm

James Bolton, "Advanced Bio-Fibre Composites." Alberta Research Council Auditorium, 250 Karl Clark Road, Edmonton. (450-5393 for information).

### COMMITTEE FOR THE IMPROVEMENT OF TEACHING AND LEARNING

5 March, 2 pm

Blair Bunkley, Integrated Neuro Systems Inc, "The Language of the Mind." TBW-2 Tory Breezeway.

6 March, 3 pm

Eugene C Lechelt, "Teaching and Hopefully, Learning in Large Undergraduate Courses." 235 CAB.

7 March, 12:30 pm

Bruce Caldwell and Doug Weir, "Teaching Students From Another Culture." 172 HUB International.

7 March, 3:30 pm

Paula A Brook and Linda LaRocque, "Where Are You on the Faculty Development Scale?" 235 CAB.

11 March, 3 pm

Brad Hestbak, "Make Your Poster Session Work for You!" 235 CAB.

12 March, 3:30 pm

Tom Pocklington, "Seminar on Seminars." 235 CAB.

13 March, 3 pm

Jim Shaw, "Educational Media Service: The Campus Role." TBW-2 Tory Breezeway.

14 March, 3:30 pm

David Nash, "Student Programs and Quality of the University Experience." TBW-2 Tory Breezeway.

### HUMAN ECOLOGY: ISSUES IN THE NORTH

5 March, 3:30 pm

C Hobart, "Impact of Industry on Northern Families." 207A Law Centre.

12 March, 3:30 pm

C Morgaine, "Helping People Change Themselves: A Critical Approach to Family Life Education." 207A Law Centre.

### ALBERTA HERITAGE FOUNDATION FOR MEDICAL RESEARCH

5 March, 4 pm

Lisa McKerracher, assistant professor, Department of Neurology and Neurosurgery, McGill University, "The Retinal Ganglion Cell Cyto-skeleton After Axonal Injury." Presented by Anatomy and Cell Biology. 5-10 Medical Sciences Building.

8 March, 4 pm

Jaan Noolandi, senior research fellow, Xerox Research Centre of Canada, "Theoretical and Experimental Studies of the Gel Electrophoresis Process: The Emphasis is on the Separation of Large Fragments of DNA." M-137 Biological Sciences Building.

12 March, 4 pm

Deborah Anderson, postdoctoral fellow, Samuel Lunenfeld Research Institute, "SH2 Domains Direct Protein-Protein Interactions in Signal Transduction." Presented by Anatomy and Cell Biology. 5-10 Medical Sciences Building.

### POPULATION RESEARCH LABORATORY

6 March, 9 am to 3 pm

1991 Warren Kalbach Population Conference, "Population and Health Issues." TBW-2 Tory Building.

### CHEMISTRY

6 March, 11 am

WM Daniewski, Polish Academy of Sciences, Warsaw, "The Chemistry of Mushrooms of the Family *Lactarius*." Chemistry E3-25.

### SOCIOLOGY, CANADIAN STUDIES, AND RECREATION AND LEISURE STUDIES

6 March, noon

Richard Gruneau, Department of Communications, Simon Fraser University, "Between the Politics of Production and the Politics of the Sign: Post-Marxism, Discourse Theory, and 'New Times' (Part I)." 5-15 Tory Building.

### MUSIC

8 March, noon

Dr Gruneau, "Between the Politics of Production and the Politics of the Sign: Post-Marxism, Discourse Theory and 'New Times' (Part II)." 5-15 Tory Building.

### FOREST SCIENCE

6 March, 3:30 pm

James Bolton, University of Wales, "Advanced Bio-fibre Composites." 2-1 Mechanical Engineering Building.

### MISENER/MARGETTS WOMEN'S RESEARCH CENTRE

6 March, 7:30 pm

Parin Dossa, "Women and Disability: Narrative Discourses." 2-101 Education North.

### CLOTHING AND TEXTILES

7 March, 11 am

Lee Bale, head of craft and design, School of Craft and Design, Sheridan College, "Clothing the Wild Beast." 131 Home Economics Building.

14 March, 11 am

Aileen McKinnon, "Metis Dress in Red River Settlement, 1820-1870." 131 Home Economics Building.

### LIMNOLOGY AND FISHERIES DISCUSSION GROUP

7 March, 12:30 pm

Dale Vitt, "Temporal and Spatial Patterns of Water Chemistry in Boreal Wetlands." M-149 Biological Sciences Centre.

14 March, 12:30 pm

Eville Gorham, University of Minnesota, "Biotic Impoverishment of Northern Peatlands: Natural and Anthropogenic Aspects." M-149 Biological Sciences Centre.

### SOIL SCIENCE

7 March, 12:30 pm

Robert Grant, "Carbon Dioxide Effects Upon Photosynthesis of Transpiration and Growth of Field Crops." 2-36 Earth Sciences Building.

14 March, 12:30 pm

Richard Protz, Department of Land Resource Science, University of Guelph, "Application of Spectral Analysis to Soil Micromorphology." 2-36 Earth Sciences Building.

### CHEMICAL ENGINEERING

7 March, 3 pm

The JT Ryan—WH Griffin Team, "Ventilation in Potash Mines: A Deep Subject." E342 Chemical-Mineral Engineering Building.

14 March, 3 pm

Yuhua Yan, "Viscosity Correlations for Emulsion-Solids Mixtures as Bimodal Systems." E342 Chemical-Mineral Engineering Building.

### COMPARATIVE LITERATURE

7 March, 3:30 pm

Sandro Cordeschi, "The Ludicrous as a Literary 'Genre' and its Social Implications." Senate Chamber, Arts Building.

### SLAVIC AND EAST EUROPEAN STUDIES

7 March, 3:30 pm

Ruth Lysak-Martynkiw, project historian (intern), University of Calgary/Alberta Culture and Multiculturalism, "Bukovynian Women's Clothing

# ARTS

## EXHIBITIONS

### FAB GALLERY

Until 10 March

"Visual Fundamentals"—a display of work by students enrolled in Art and Design, first year Art 131 introductory studio course. Gallery hours: Tuesday, Wednesday, and Friday, 10 am to 5 pm; Thursday, 10 am to 8 pm; Sunday, 11 am to 5 pm; Saturday and Monday, closed. 1-1 Fine Arts Building.

### MCMULLEN GALLERY

Until 29 March

"Facets of Italy." Gallery hours: Monday to Friday, 10 am to 4 pm; Saturday and Sunday, 1 to 4 pm. Information: 492-8428, 492-4211. Walter C Mackenzie Health Sciences Centre.



### EDMONTON CHAMBER MUSIC SOCIETY

13 March, 8 pm

Musicians of Swanee Alley. Tickets and information: 433-4532 or 492-5124. Convocation Hall.

## SEARCH COMMITTEE FOR VICE-PRESIDENT (ACADEMIC)

Dr Peter Meekison is resigning from his position as Vice-President (Academic) effective 31 August 1991 at the earliest, or 31 December 1991 at the latest. The President is therefore striking a Search Committee.

The composition of the Search Committee for Vice-President (Academic) includes three members of the full-time and continuing part-time faculty who do not hold administrative positions and who are not on leave. Nominations for these positions are now being sought.

Written nominations supported by the signatures of five members of the full-time and continuing part-time academic staff (not including the nominee) may be submitted to the Director of the University Secretariat, Ellen Schoeck, 2-5 University Hall. **Nominations must be received by 15 March 1991, 4:30 pm.** Nominees must agree to stand for election to the Search Committee. GFC regulations require that nominees may not be holders of administrative positions, such as Dean or Department Chair, since administrators are already represented on the Search Committee. The full composition of the Search Committee for Vice-President (Academic), together with nomination and election procedures, are contained in Section 102 of the GFC Policy Manual. Individuals who have questions about eligibility to serve or to nominate, are asked to call Ellen Schoeck at 492-5430.

## 1991 WARREN KALBACH POPULATION CONFERENCE

### POPULATION AND HEALTH ISSUES

6 March 1991, Tory Breezeway

9:00 Welcome address - RA Silverman, Chair, Department of Sociology, U of A

Moderator: Rich Bailey, Executive Director, Alberta Long Term Care Association

9:10 Health Care in an Aging Canada: Constraint or Choice?

Susan McDaniel, Department of Sociology, U of A

9:50 Aging, Whether 'at the top' or 'at the bottom', is a Health Problem

J Jayachandran, Concordia College, and K Krótki, U of A

10:30 Female Labour Force Participation and Suicide: A Test of Hypotheses

Rita Vos and Frank Trovato, Department of Sociology, U of A

11:30-12:45 Society of Edmonton Demographers (SED)

Annual General Meeting

(Please feel free to bring your lunch to the meeting)

Moderator: CB Hazlett, Chair, Department of Health Services Administration and Community Medicine, U of A

1:00 Obstructive Airways Disease and Asthma Mortality

TL Guidotti, Occupational and Environmental Health Program, Department of Health Services Administration and Community Medicine

1:50 Age-Period-Cohort Modelling of Mortality Data

G Flowerdew, Epidemiology Program, Department of Health Services Administration and Community Medicine, U of A

2:30 'Homemakers' Wellness Network in Two Rural Alberta Towns

Tammy Horne, Alberta Centre for Well-being, UofA

Cosponsored by the Edmonton Chapter of the Canadian Population Society, the Population Research Laboratory, and the Department of Sociology.

## AWARD OPPORTUNITIES

### CANADIAN FEDERATION OF UNIVERSITY WOMEN - EDMONTON, 1991 MARGARET BRINE GRADUATE SCHOLARSHIPS FOR WOMEN, \$1,000, \$500

The candidate must hold a bachelor's degree and must have completed successfully at least one term of graduate work leading to a master's or doctoral degree at the University of Alberta. She must be a full-time student. Applications from any Faculty will be accepted. Academic excellence will be the major criterion for selection. However, need and/or circumstances will be taken into consideration.

Application forms may be obtained from the Office of Student Awards, 252 Athabasca Hall.

The competition closes 15 March 1991. The award will be announced no later than 3 May 1991.

Further information may be obtained from the Academic Awards Chair, CFUW-Edmonton, 436-9323.

### CMHC UNIVERSITY SCHOLARSHIP FOR GRADUATE STUDIES

Value: \$13,200.

Programs of study may be pursued within a number of disciplines, including: urban planning, law, engineering, public administration, economics, psychology, landscape architecture, sociology, and architecture. CMHC determines which programs are eligible.

The objective of the CMHC University Scholarship for Graduate Studies is to support the development of a highly trained and skilled community of professionals in the many diverse aspects of housing and community planning in Canada. Candidates must be Canadian citizens, or must have obtained permanent resident status in Canada.

Applications are available at the Office of Student Awards. Deadline: 18 March 1991.

### CANADIAN LIBRARY ASSOCIATION SCHOLARSHIPS AND GRANTS

There are various scholarships offered through CLA at a graduate level with values ranging from \$1,000 to \$2,500 each.

For further information on the various scholarships or applications, contact the Office of Student Awards.

Deadline: 1 May 1991.

### OFFICIAL LANGUAGES IN EDUCATION, INDIVIDUAL TEACHER BURSARY 1991-92

Financial assistance in the form of bursaries will be provided for the professional development and training of French language teachers or French as a second language.

For additional information, contact the Office of Student Awards. Deadline: 1 April 1991.

## POSITIONS

*The University of Alberta is committed to the principle of equity in employment. The University encourages applications from aboriginal persons, disabled persons, members of visible minorities and women.*

### SUPPORT STAFF

*To obtain further information on the following positions, please contact Personnel Services and Staff Relations, 2-40 Assiniboia Hall, telephone 492-5201. Due to publication lead time and the fact that positions are filled on an ongoing basis, these vacancies cannot be guaranteed beyond 22 February 1991. For a more up-to-date listing, please consult the weekly Employment Opportunities Bulletin and/or the postings in PSSR.*

*Positions available as of 22 February 1991.*

*The limited number of vacancies is a result of the current Support Staff hiring freeze.*

*The salary rates for the following positions reflect adjustments in accordance with the terms for the implementation of the Pay Equity Program.*

BIOCHEMISTRY TECHNOLOGIST (Grade 7) (Part-time), Psychiatry (\$1,063 - \$1,332 prorated)

SENIOR ACCOUNTS CLERK (Grade 6), Provincial Laboratory, (\$1,952 - \$2,433)

*The following positions retain salary rates in accordance with the old classification system and pay plan.*

CLERK TYPIST III (Part-time/Trust/Term to 30 April 1991), Disabled Student Services, (\$753 - \$945 prorated)

SECRETARY (Trust), Biochemistry, (\$1,677 - \$2,143)

ADMINISTRATIVE CLERK (PROGRAMMER ANALYST TRAINEE) (Term to 31 March 1991), Materials Management, (\$1,677 - \$2,143)

SECRETARY (Trust/Term to 31 August 1991), Foods and Nutrition, (\$1,677 - \$2,143)

MEDICAL STENO (Trust), Medicine, (\$1,677 - \$2,143)

BIOCHEMISTRY TECHNOLOGIST I (Trust), Pharmacology, (\$2,143 - \$2,765)

TECHNOLOGIST I/II (Trust), Genetics, (\$2,143 - \$3,018)

PROGRAMMER ANALYST II (Trust), Biochemistry, (\$2,537 - \$3,297)

TECHNOLOGIST IV (Trust), Medical Microbiology and Infectious Diseases, (\$2,889 - \$3,767)

## ADS

### ACCOMMODATIONS AVAILABLE

VICTORIA PROPERTIES - Experienced, knowledgeable realtor with Edmonton references will answer all queries, and send information. No cost or obligation. Call (604) 595-3200, Lois Dutton, Re/Max Ports West, Victoria, BC.

GREAT BRITAIN? LONDON APARTMENT? Country cottage? Castle/manor apartment? Villa in France, Italy? Hearthstone Holidays, PO Box 8625, Station L, Edmonton, T6C 4J4. Phone (403) 465-2874, Fax (403) 468-5517.

SALE - 10930 87 Avenue, revenue property, \$14,400/year income. Six bedrooms, two fridges, two kitchens, two bathrooms, two hot water heaters (33 gallons each in parallel). Asking \$133,900. To view, 433-8302.

Continued on page 8



University of Alberta  
The Senate

### Nominations for Public Members

We invite nominations from members of the public and/or associations to fill several vacancies on the University Senate.

Senate, which is a bridge between the University and the community, meets formally four times a year for full day sessions. Volunteer members serve on Task Forces and committees dealing with educational issues.

There are no formal qualification requirements, but consideration will be given to community service of nominees from central and northern Alberta. Members serve for a three-year term beginning 1 July, and applications are invited from people of all walks of life.

The deadline for receipt of nominations in the Senate office is 22 March 1991.

Nomination forms requiring the signature of the nominee and two nominators are available from:

The Senate  
University of Alberta  
150 Athabasca Hall  
Edmonton, Alberta T6G 2E8  
Telephone: 492-2268

"It is the duty of a senate to inquire into any matter that might tend to enhance the usefulness of the university." Universities Act 1990

**SALE** - Claridge House, opposite University, with magnificent city view. Two bedrooms, air conditioned, pool, underground parking. \$159,000. 1-342-0050.

**SALE/RENT** - Malmo bungalow. Five bedrooms, finished basement, double garage. Five minutes to University, near schools, shopping. \$132,000. 436-3523 evenings, 492-2423 (work).

**SALE** - Country living, three acres, three minutes south of Grey Nuns, school near, 1,900' plus 1,150' finished basement. Excellent condition. Five bedrooms, 3 1/2 baths, two fireplaces, attached garage. \$230,000. 988-5127.

**SABBATICAL RENT/EX-CHANGE** - Central, four bedroom, historic house, overlooking river valley. \$1,200/month. Wanted in Ottawa - two/three bedroom house. Six plus months, September 1991. Nan (403) 429-2226 (evenings), 495-4880 (days).

**SALE** - Near University, 10944 89 Avenue. Modern upgrading, basement suite, treed, seven rooms, three baths. Speaks for itself, priced at \$179,900. 439-7382.

**TO SHARE** - Beautiful home, Ritchie, with female, nonsmoker. \$250 plus utilities, 15 March or 1 April. 492-3912.

**SALE** - Lansdowne, quiet street, south backyard, three bedrooms up, one on the main, fireplace, open kitchen - family room plan, attached double garage. \$189,000. Liz Crockford, Spencer Real Estate. 435-0808, 434-0555.

**SALE** - Grandview, new listing, custom designed, 2,600 square foot, two storey. Four bedrooms up, large entertaining rooms opening to back yard, attached double garage. Liz Crockford, Spencer Realty, 435-0808, 434-0555.

**SALE** - Aspen Gardens, \$167,700. Mint condition, four bedroom home. Close to ravine. Fireplace, vinyl siding, upgraded carpet, soft neutral decor. Owner transferred, must sell. Canada Trust Realtor, Joy Murray, 468-2100.

**RENT** - Luxury condo, 1,500 square feet, on Saskatchewan Drive with river valley view. Great amenities in building. For more information, please call Willma at 437-7480.

**RENT** - Furnished house in Petrolia. Four bedrooms, 3 1/2 baths, available June 1991 - May 1992, \$1,000 plus utilities. References required. Phone 437-7924 (leave message).

#### ACCOMMODATIONS WANTED

**MCMASTER PROFESSOR** and family (two children under five) needing home, close to University, 10 May - 15 August. Call (416) 627-9772.

#### GOODS FOR SALE

**CASH PAID FOR APPLIANCES**, 432-0272.

AJ510 VIDEO TERMINAL, visual editing, \$200 obo. 433-8302.

**SOME ENTERTAINMENT '91** coupon books remaining, \$38. Ed, 439-5879.

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